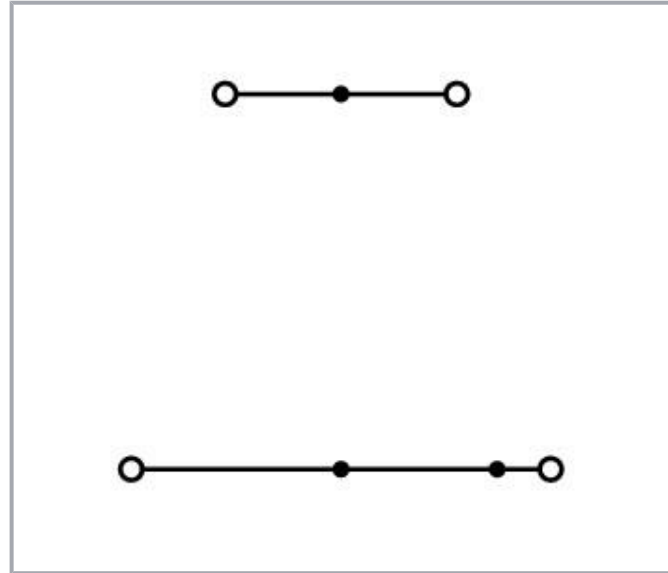
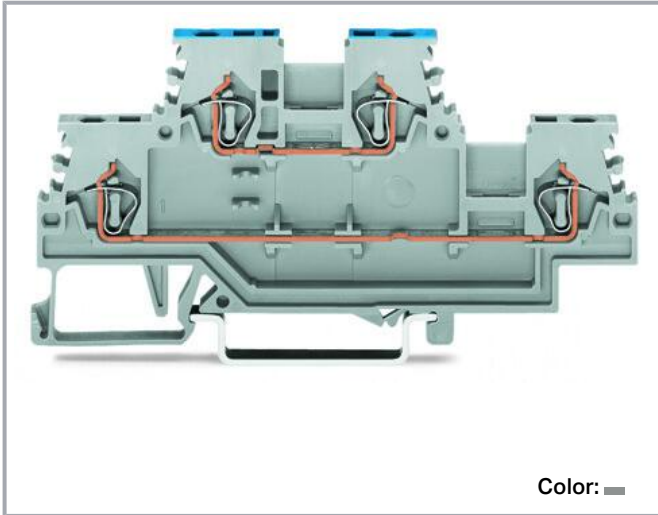


## Data sheet | Item number: 279-513

Double-deck terminal block; Through/through terminal block; L/N; for DIN-rail 35 x 15 and 35 x 7.5; 1.5 mm<sup>2</sup>; 1,50 mm<sup>2</sup>; gray



[www.wago.com/279-513](http://www.wago.com/279-513)



### Data

#### Electrical data

#### Ratings per IEC/EN

Ratings per	IEC/EN 60947-7-1
Nominal voltage (III/3)	500 V
Rated impulse voltage (III/3)	6 kV
Rated current	18 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

#### Ratings per UL 1059

Approvals per	UL 1059
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	10 A

#### Ratings per CSA

Approvals per	CSA 22.2 No 158
---------------	-----------------

Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group C)	10 A

### Power loss

Power loss, per pole (potential)	0.593 W
Rated current $I_N$ for specified power loss	18 A
Resistance value for specified, current-dependent power loss	0.002 $\Omega$

### Connection data

Connection points	4
Total number of potentials	2
Number of levels	2

### Connection 1

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	0.08 ... 1.5 mm <sup>2</sup> / 28 ... 16 AWG
Fine-stranded conductor	0.08 ... 1.5 mm <sup>2</sup> / 28 ... 16 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Wiring direction	Front-entry wiring

### Physical data

Width	4 mm / 0.157 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	39 mm / 1.535 inches

### Mechanical Data

Potential marking	L/N
Design	horizontal type
Mounting type	DIN-35 rail
Marking level	Side marking

### Material Data

Note (material data)

Subject to changes. Please also observe the further product documentation!

Information on material specifications can be found here

Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.145 MJ
Weight	7.6 g

### Environmental requirements

Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C

### Commercial data


Product Group	1 (Rail Mounted Terminal Blocks)
eCl@ss 10.0	27-14-11-20
eCl@ss 9.0	27-14-11-20
ETIM 8.0	EC000897
ETIM 7.0	EC000897
PU (SPU)	50 pcs
Packaging type	box
Country of origin	CN
GTIN	4050821109372
Customs tariff number	85369010000

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

### Approvals / Certificates

#### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7081
	CSA DEKRA Certification B.V.	C22.2 No. 158	70133738

Subject to changes. Please also observe the further product documentation!





KEMA/KEUR DEKRA Certification B.V.	EN 60947	2160584.04
---------------------------------------	----------	------------





UL Underwriters Laboratories Inc.	UL 1059	E45172
--------------------------------------	---------	--------

**Declarations of conformity and manufacturer's declarations**

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

**Approvals for marine applications**

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	20- HG1941090- PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

**Required accessories**

**End plate**

End plate



Item no.: 279-519  
End and intermediate plate; 2 mm thick; orange

[www.wago.com/279-519](http://www.wago.com/279-519)

Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



**Item no.: 279-518**  
End and intermediate plate; 2 mm thick; gray

[www.wago.com/279-518](http://www.wago.com/279-518)

## Optional accessories

### Push-in type wire jumper

#### Jumper



**Item no.: 249-123**  
Push-in type wire jumper; 0.75 mm<sup>2</sup>; insulated; 180 mm long; black

[www.wago.com/249-123](http://www.wago.com/249-123)



**Item no.: 249-126**  
Push-in type wire jumper; 0.75 mm<sup>2</sup>; insulated; 110 mm long; black

[www.wago.com/249-126](http://www.wago.com/249-126)



**Item no.: 249-127**  
Push-in type wire jumper; 0.75 mm<sup>2</sup>; insulated; 250 mm long; black

[www.wago.com/249-127](http://www.wago.com/249-127)

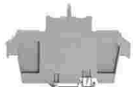


**Item no.: 249-125**  
Push-in type wire jumper; insulated; 60 mm long; black

[www.wago.com/249-125](http://www.wago.com/249-125)

### Mounting

#### Cover carrier



**Item no.: 709-168**  
Cover carrier; Type 2; incl. fixing/retaining screws and knurled nut; suitable for 283 to 285 Series rail-mounted terminal blocks; suitable for 279 to 281 Series double- and triple-deck terminal blocks; suitable for 780 to 785, 775, 776 and 777 Series TOPJOB® rail-mounted terminal blocks; suitable for 280 Series sensor and actuator terminal blocks; suitable for 282 Series disconnect/test terminal blocks for transformer circuits; gray

[www.wago.com/709-168](http://www.wago.com/709-168)

#### Cover



**Item no.: 709-154**  
Cover; Type 2; suitable for cover carrier, type 2; 1 m long; transparent

[www.wago.com/709-154](http://www.wago.com/709-154)

#### Mounting accessories



**Item no.: 209-106**  
Mounting carrier; for isolated mounting on DIN 35 rails; gray

[www.wago.com/209-106](http://www.wago.com/209-106)



**Item no.: 249-116**  
Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

[www.wago.com/249-116](http://www.wago.com/249-116)

### Carrier rail

#### Mounting accessories



**Item no.: 210-197**  
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored

[www.wago.com/210-197](http://www.wago.com/210-197)







**Item no.: 210-198**  
Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored

[www.wago.com/210-198](http://www.wago.com/210-198)













Subject to changes. Please also observe the further product documentation!

	<b>Item no.: 210-504</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored	<a href="http://www.wago.com/210-504">www.wago.com/210-504</a>
	<b>Item no.: 210-505</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored	<a href="http://www.wago.com/210-505">www.wago.com/210-505</a>
	<b>Item no.: 210-506</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-506">www.wago.com/210-506</a>
	<b>Item no.: 210-508</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-508">www.wago.com/210-508</a>
	<b>Item no.: 210-113</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	<a href="http://www.wago.com/210-113">www.wago.com/210-113</a>
	<b>Item no.: 210-118</b> Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	<a href="http://www.wago.com/210-118">www.wago.com/210-118</a>
	<b>Item no.: 210-112</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored	<a href="http://www.wago.com/210-112">www.wago.com/210-112</a>
	<b>Item no.: 210-114</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-114">www.wago.com/210-114</a>
	<b>Item no.: 210-115</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored	<a href="http://www.wago.com/210-115">www.wago.com/210-115</a>
	<b>Item no.: 210-196</b> Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-196">www.wago.com/210-196</a>

**Marking accessories**

Marker carrier		
	<b>Item no.: 279-529</b> Adaptor; gray	<a href="http://www.wago.com/279-529">www.wago.com/279-529</a>
Double marker carrier		
	<b>Item no.: 209-128</b> Adaptor; gray	<a href="http://www.wago.com/209-128">www.wago.com/209-128</a>
Marker		
	<b>Item no.: 2009-114/000-002</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; yellow	<a href="http://www.wago.com/2009-114/000-002">www.wago.com/2009-114/000-002</a>
	<b>Item no.: 2009-114/000-005</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; red	<a href="http://www.wago.com/2009-114/000-005">www.wago.com/2009-114/000-005</a>

Subject to changes. Please also observe the further product documentation!

	<p><b>Item no.: 2009-114/000-007</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; gray</p>	<p><a href="http://www.wago.com/2009-114/000-007">www.wago.com/2009-114/000-007</a></p>
	<p><b>Item no.: 2009-114/000-023</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; green</p>	<p><a href="http://www.wago.com/2009-114/000-023">www.wago.com/2009-114/000-023</a></p>
	<p><b>Item no.: 2009-114/000-006</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; blue</p>	<p><a href="http://www.wago.com/2009-114/000-006">www.wago.com/2009-114/000-006</a></p>
	<p><b>Item no.: 2009-114/000-024</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; violet</p>	<p><a href="http://www.wago.com/2009-114/000-024">www.wago.com/2009-114/000-024</a></p>
	<p><b>Item no.: 2009-114/000-012</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; orange</p>	<p><a href="http://www.wago.com/2009-114/000-012">www.wago.com/2009-114/000-012</a></p>
	<p><b>Item no.: 2009-114</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; white</p>	<p><a href="http://www.wago.com/2009-114">www.wago.com/2009-114</a></p>
	<p><b>Item no.: 793-4501/000-002</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; yellow</p>	<p><a href="http://www.wago.com/793-4501/000-002">www.wago.com/793-4501/000-002</a></p>
	<p><b>Item no.: 793-4501/000-006</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; blue</p>	<p><a href="http://www.wago.com/793-4501/000-006">www.wago.com/793-4501/000-006</a></p>
	<p><b>Item no.: 793-4501</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; white</p>	<p><a href="http://www.wago.com/793-4501">www.wago.com/793-4501</a></p>
	<p><b>Item no.: 793-4501/000-023</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; green</p>	<p><a href="http://www.wago.com/793-4501/000-023">www.wago.com/793-4501/000-023</a></p>
	<p><b>Item no.: 793-4501/000-024</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; violet</p>	<p><a href="http://www.wago.com/793-4501/000-024">www.wago.com/793-4501/000-024</a></p>
	<p><b>Item no.: 793-4501/000-005</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; red</p>	<p><a href="http://www.wago.com/793-4501/000-005">www.wago.com/793-4501/000-005</a></p>

Subject to changes. Please also observe the further product documentation!



**Item no.: 793-4501/000-007**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; gray

[www.wago.com/793-4501/000-007](http://www.wago.com/793-4501/000-007)



**Item no.: 793-4501/000-012**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; orange

[www.wago.com/793-4501/000-012](http://www.wago.com/793-4501/000-012)



**Item no.: 793-4501/000-017**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; light green

[www.wago.com/793-4501/000-017](http://www.wago.com/793-4501/000-017)

Group marker carrier



**Item no.: 209-142**  
Group marker carrier; gray

[www.wago.com/209-142](http://www.wago.com/209-142)



**Item no.: 209-141**  
Group marker carrier; gray

[www.wago.com/209-141](http://www.wago.com/209-141)



**Item no.: 209-140**  
Group marker carrier; gray

[www.wago.com/209-140](http://www.wago.com/209-140)



**Item no.: 249-105**  
Group marker carrier; gray

[www.wago.com/249-105](http://www.wago.com/249-105)

Ferrule

Ferrule



**Item no.: 216-101**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-101](http://www.wago.com/216-101)



**Item no.: 216-102**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-102](http://www.wago.com/216-102)



**Item no.: 216-103**  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated

[www.wago.com/216-103](http://www.wago.com/216-103)



**Item no.: 216-203**  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red

[www.wago.com/216-203](http://www.wago.com/216-203)



**Item no.: 216-202**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray

[www.wago.com/216-202](http://www.wago.com/216-202)



**Item no.: 216-201**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white

[www.wago.com/216-201](http://www.wago.com/216-201)

















**Item no.: 216-301**  
Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow

[www.wago.com/216-301](http://www.wago.com/216-301)

Subject to changes. Please also observe the further product documentation!





	<b>Item no.: 216-302</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise	<a href="http://www.wago.com/216-302">www.wago.com/216-302</a>
<b>Insulation stop</b>		
Insulation stop		
	<b>Item no.: 279-470</b> Insulation stop; 0.08 - 0.2 mm <sup>2</sup> "s" (0.14 mm <sup>2</sup> "f-st"); 5 pieces/strip; white	<a href="http://www.wago.com/279-470">www.wago.com/279-470</a>
	<b>Item no.: 279-471</b> Insulation stop; 0.25 mm <sup>2</sup> ; 5 pieces/strip; dark gray	<a href="http://www.wago.com/279-471">www.wago.com/279-471</a>
<b>Jumpers</b>		
Jumper		
	<b>Item no.: 279-402</b> Jumper; insulated; gray	<a href="http://www.wago.com/279-402">www.wago.com/279-402</a>
	<b>Item no.: 279-409</b> Jumper; insulated; gray	<a href="http://www.wago.com/279-409">www.wago.com/279-409</a>
	<b>Item no.: 279-422</b> Jumper; insulated; yellow-green	<a href="http://www.wago.com/279-422">www.wago.com/279-422</a>
	<b>Item no.: 279-492</b> Jumper; 2-way; insulated; gray	<a href="http://www.wago.com/279-492">www.wago.com/279-492</a>
	<b>Item no.: 279-490</b> Jumper; 10-way; insulated; gray	<a href="http://www.wago.com/279-490">www.wago.com/279-490</a>
	<b>Item no.: 279-482</b> Jumper; 2-way; insulated; gray	<a href="http://www.wago.com/279-482">www.wago.com/279-482</a>
	<b>Item no.: 279-483</b> Jumper; 3-way; insulated; gray	<a href="http://www.wago.com/279-483">www.wago.com/279-483</a>
<b>Tool</b>		
Operating tool		
	<b>Item no.: 210-648</b> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short	<a href="http://www.wago.com/210-648">www.wago.com/210-648</a>
	<b>Item no.: 210-647</b> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured	<a href="http://www.wago.com/210-647">www.wago.com/210-647</a>
	<b>Item no.: 210-719</b> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	<a href="http://www.wago.com/210-719">www.wago.com/210-719</a>
<b>Protective warning marker</b>		
Cover		
	<b>Item no.: 279-415</b> Protective warning marker; 5-pole; with high-voltage symbol, black; yellow	<a href="http://www.wago.com/279-415">www.wago.com/279-415</a>

Subject to changes. Please also observe the further product documentation!



## Testing and measuring

### Testing accessories

	<b>Item no.: 209-170</b> Test plug adapter; 8.3 mm wide; for 4 mm Ø test plugs; suitable for 1.5 mm <sup>2</sup> - 10 mm <sup>2</sup> tbs; gray	<a href="http://www.wago.com/209-170">www.wago.com/209-170</a>
	<b>Item no.: 280-404</b> Test plug adapter; 5 mm wide; for test plug (2.3 mm Ø); suitable for 1.5 mm <sup>2</sup> - 4 mm <sup>2</sup> tbs; gray	<a href="http://www.wago.com/280-404">www.wago.com/280-404</a>

## Downloads

### Documentation

#### Bid Text

279-513 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
279-513 doc - Datei	2017 Feb 28	doc 24.6 kB	Download

#### Additional Information

Technical Section Technical explanations		pdf 2.2 MB	Download
---	--	---------------	----------

## CAD/CAE-Data

### CAE data

EPLAN Data Portal 279-513		URL	Download
WSCAD Universe 279-513		URL	Download
ZUKEN Portal 279-513		URL	Download

### CAD data

2D/3D Models 279-513		URL	Download
----------------------	--	-----	----------

## Environmental Product Compliance

### Compliance Search

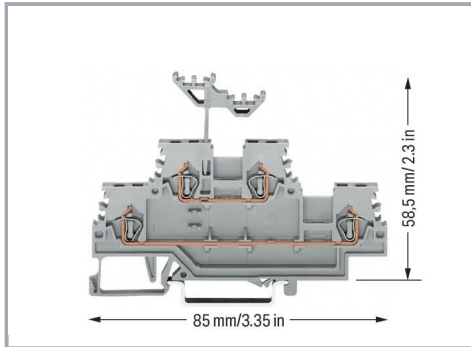
Environmental Product Compliance 279-513		URL	Download
--	--	-----	----------

Subject to changes. Please also observe the further product documentation!

Double-deck terminal block; Through/through terminal block; L/N; for DIN-rail 35 x 15 and 35 x 7.5; 1.5 mm<sup>2</sup>; 1,50 mm<sup>2</sup>; gray

---

## Installation Notes



### Double-deck marker carrier

(height including marker carrier)

## Product family

### Classic

EPSITRON® CLASSIC POWER: The Robust Power Supply – with Integrated TopBoost (Optional)

[Show all products from the family](#)

Subject to changes. Please also observe the further product documentation!